

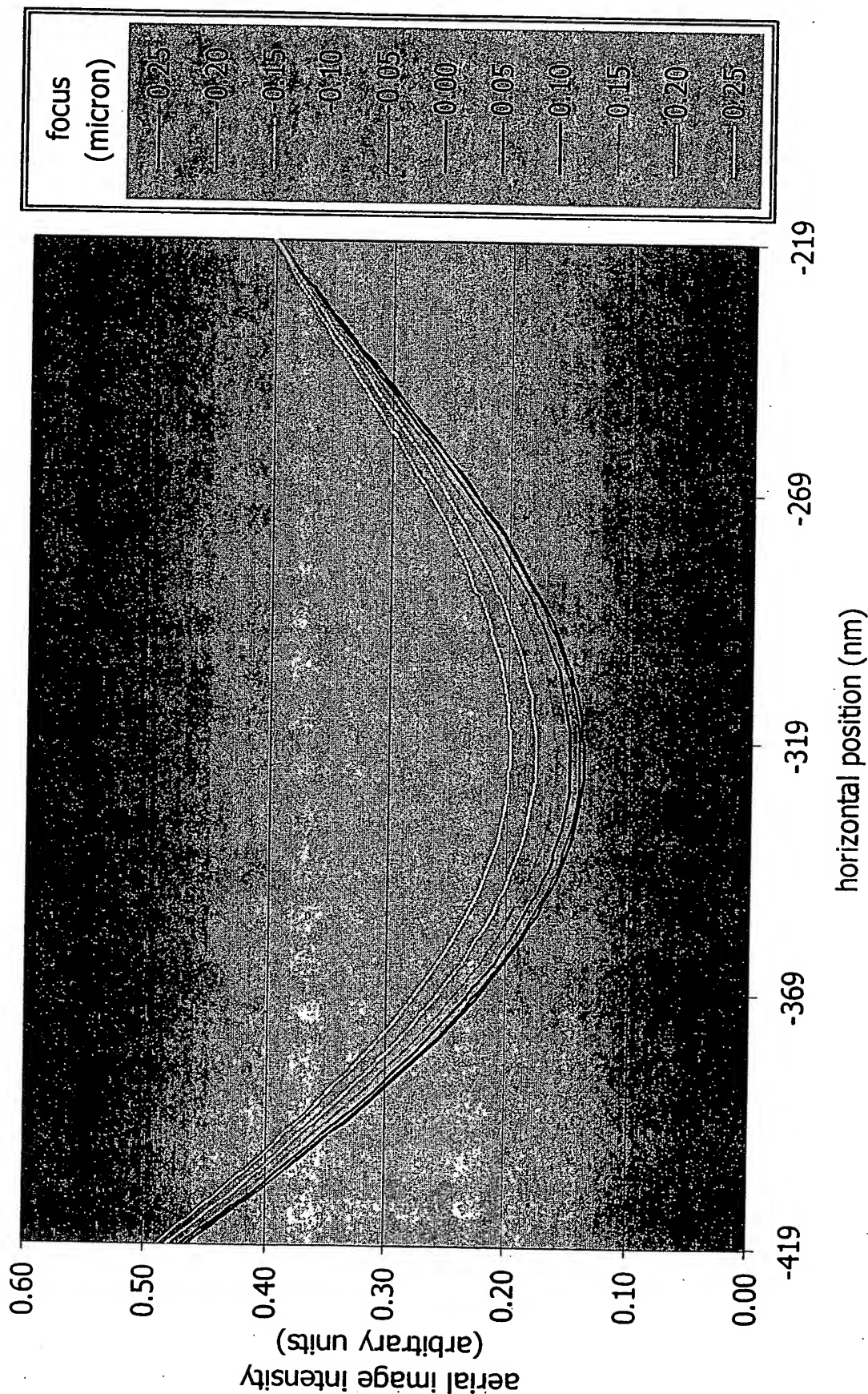
fig 1a

aerial image intensity vs. horizontal position

grouped by defocus level  
pattern 1

aerial image intensity vs. horizontal position and focus

no aberration case



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fig 1b

aerial image intensity vs. focus  
grouped by horizontal pixel position

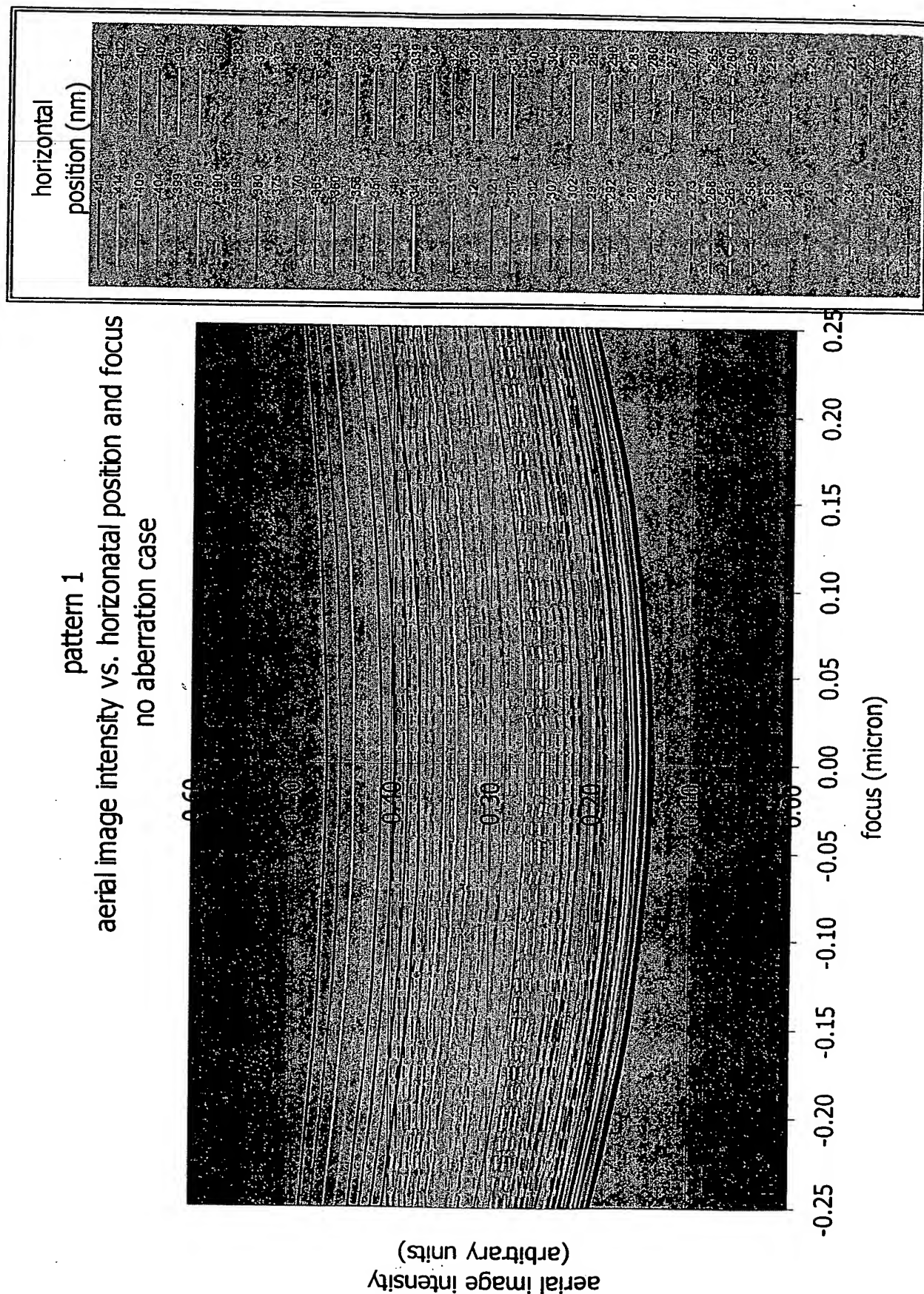


fig 2

aerial image intensity vs. horizontal position and focus

surface plot  
pattern 1

aerial image intensity vs. horizontal position and focus  
no aberration case

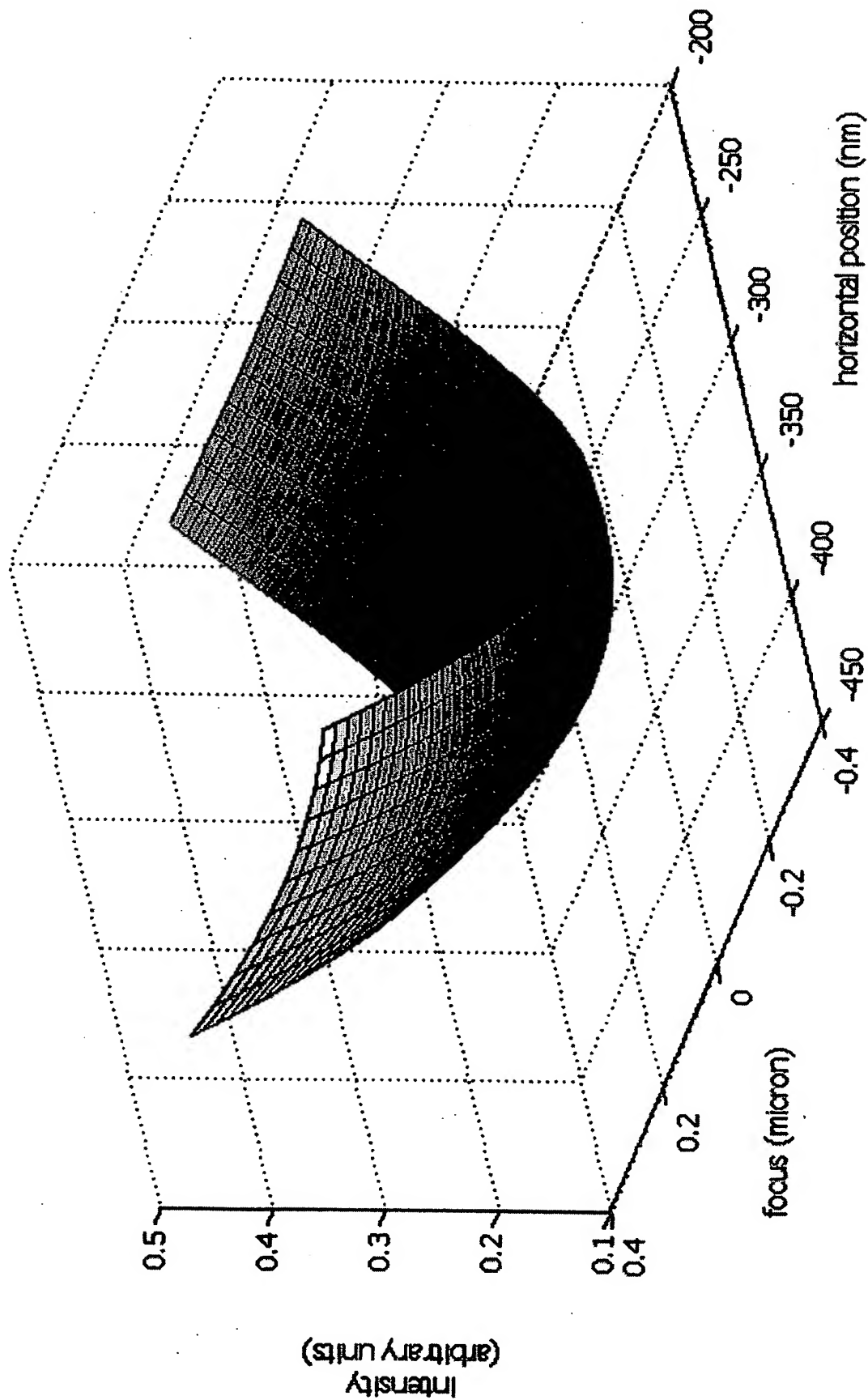
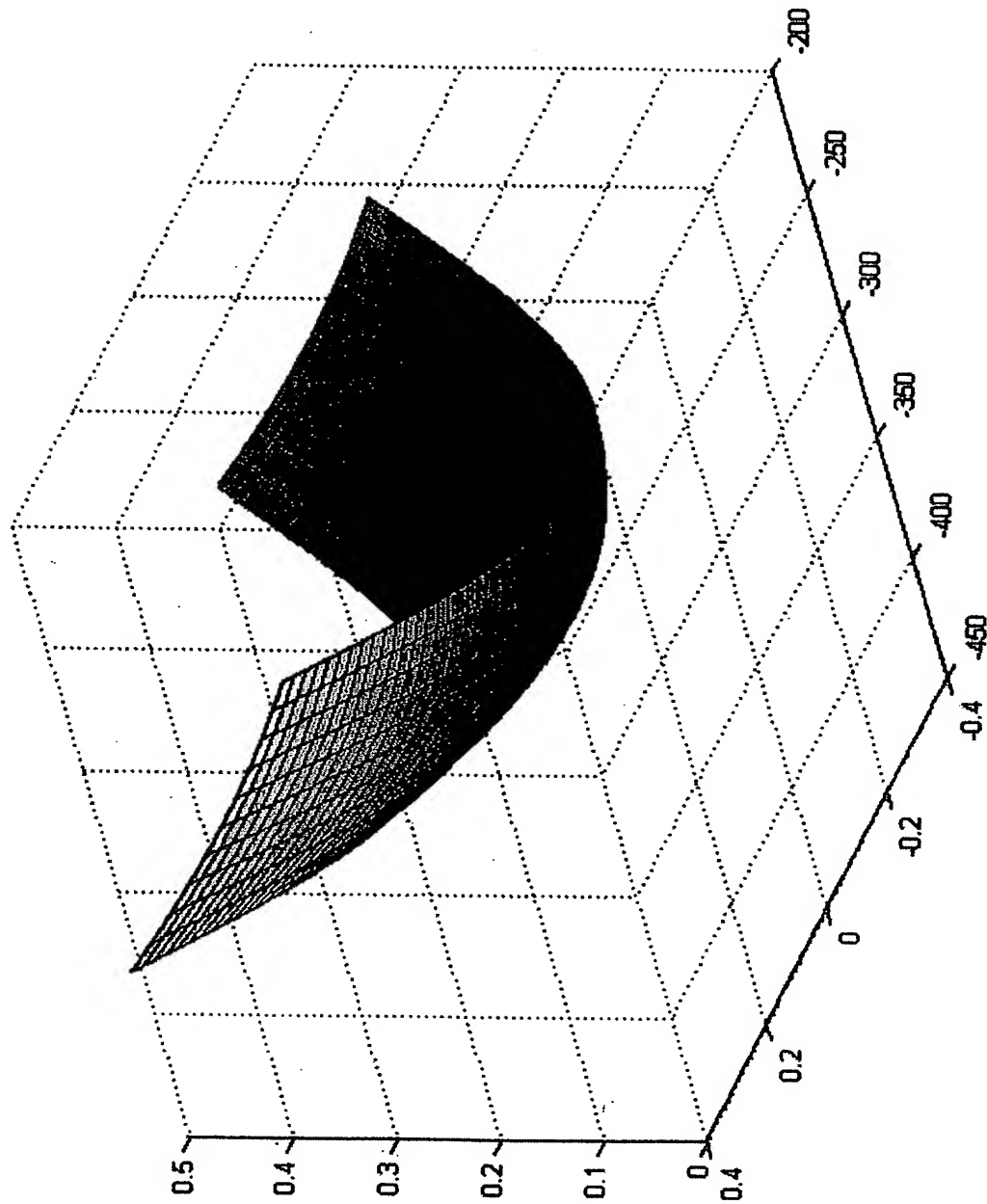


fig 3a

Zernike 2 -0.025 waves rms



Zernike 2 -0.020 waves rms

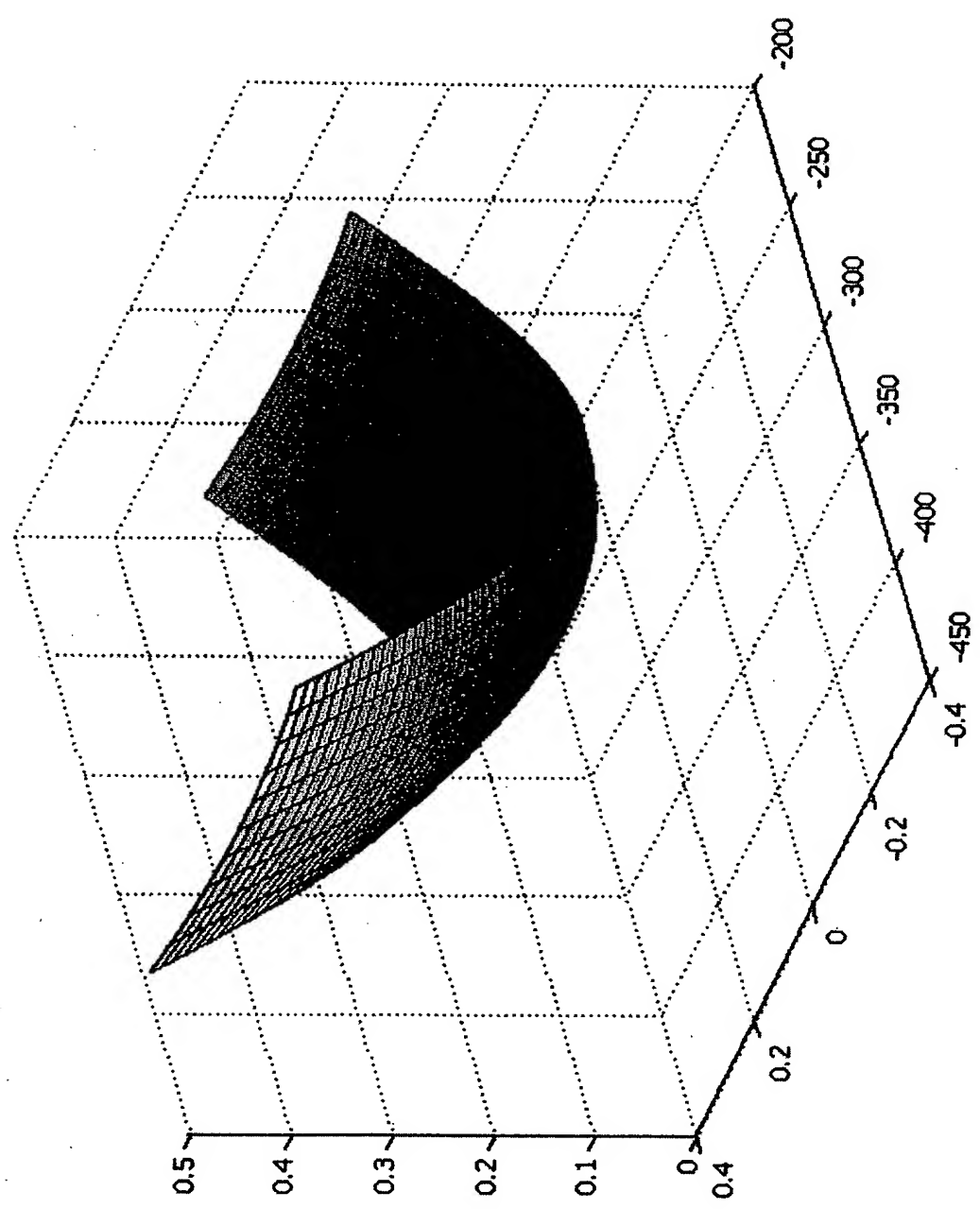
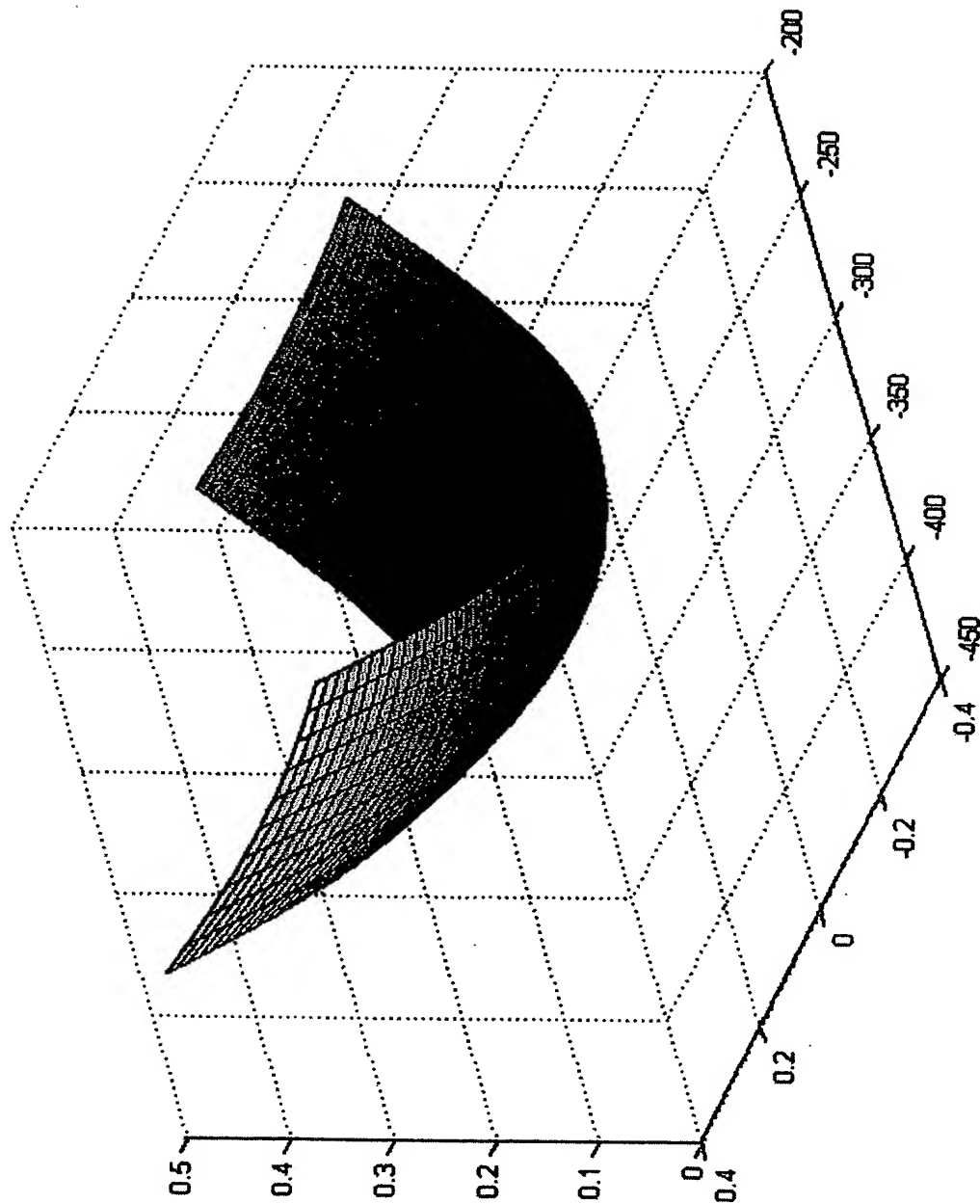


fig 3b

fig 3c

Zernike 2 -0.015 waves rms



Zernike 2 -0.010 waves rms

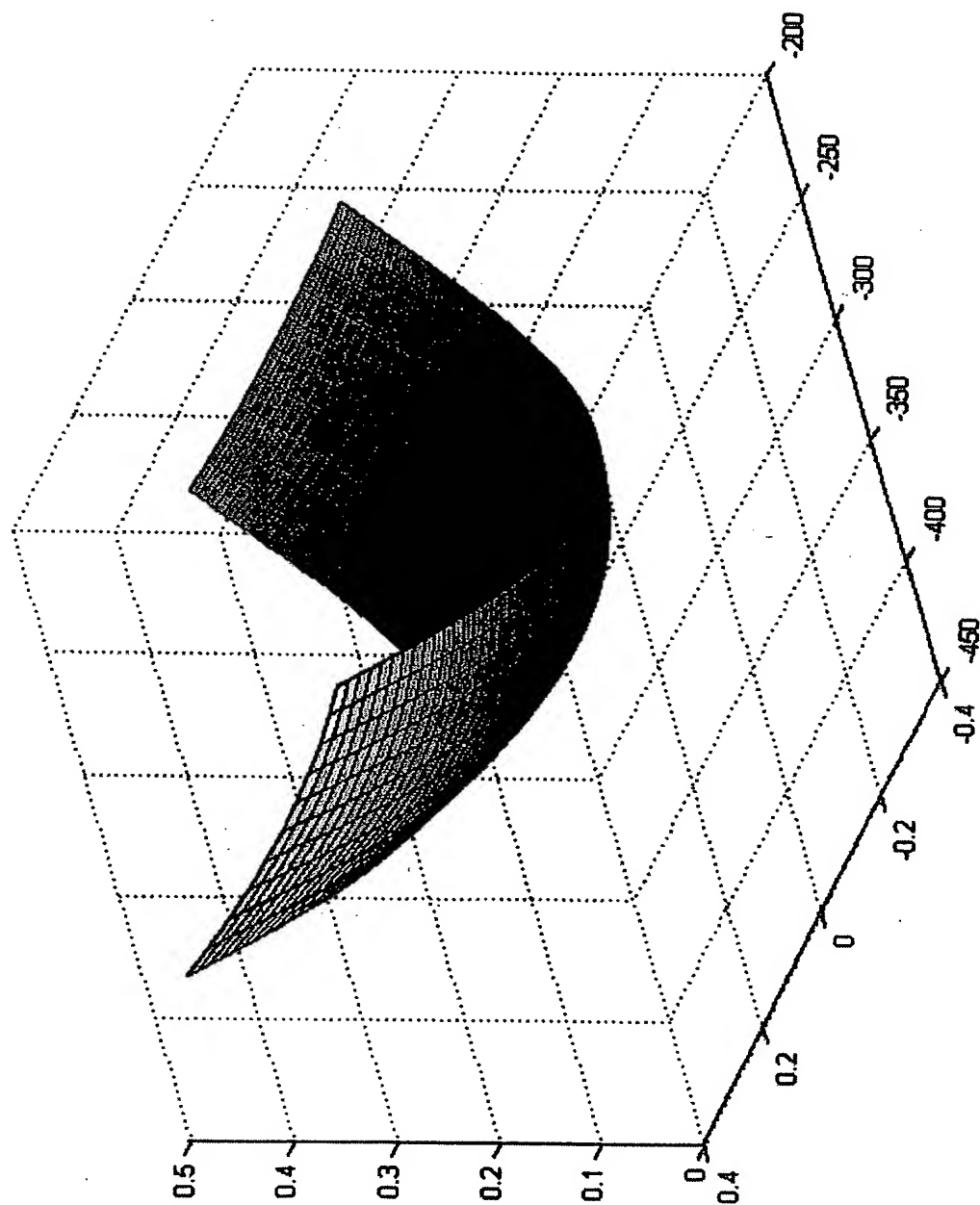
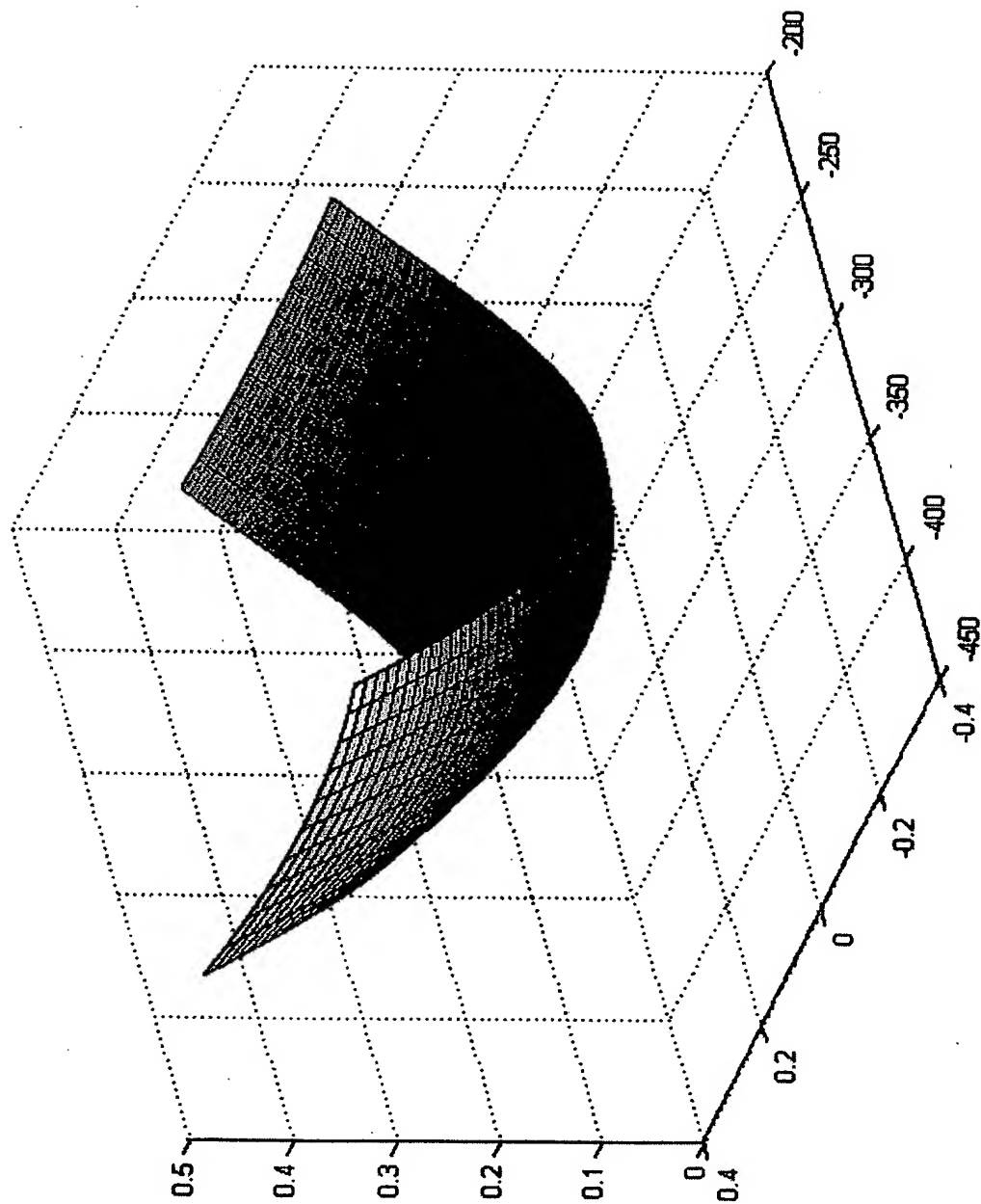


fig 3d

fig 3e

Zernike 2 -0.005 waves rms



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Zernike 2 0 waves rms (=no aberration case)

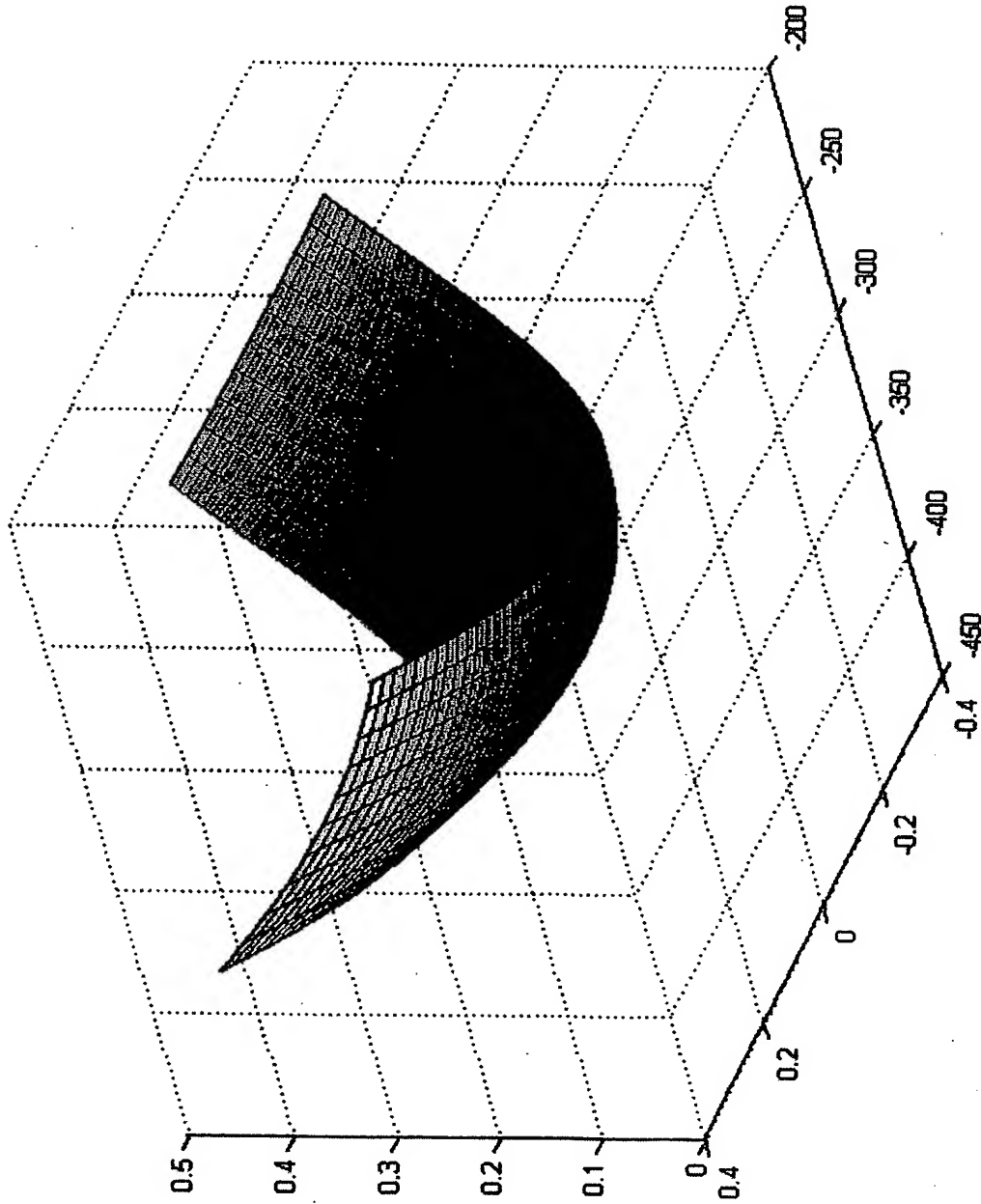


fig 3g

Zernike 2 +0.005 waves rms

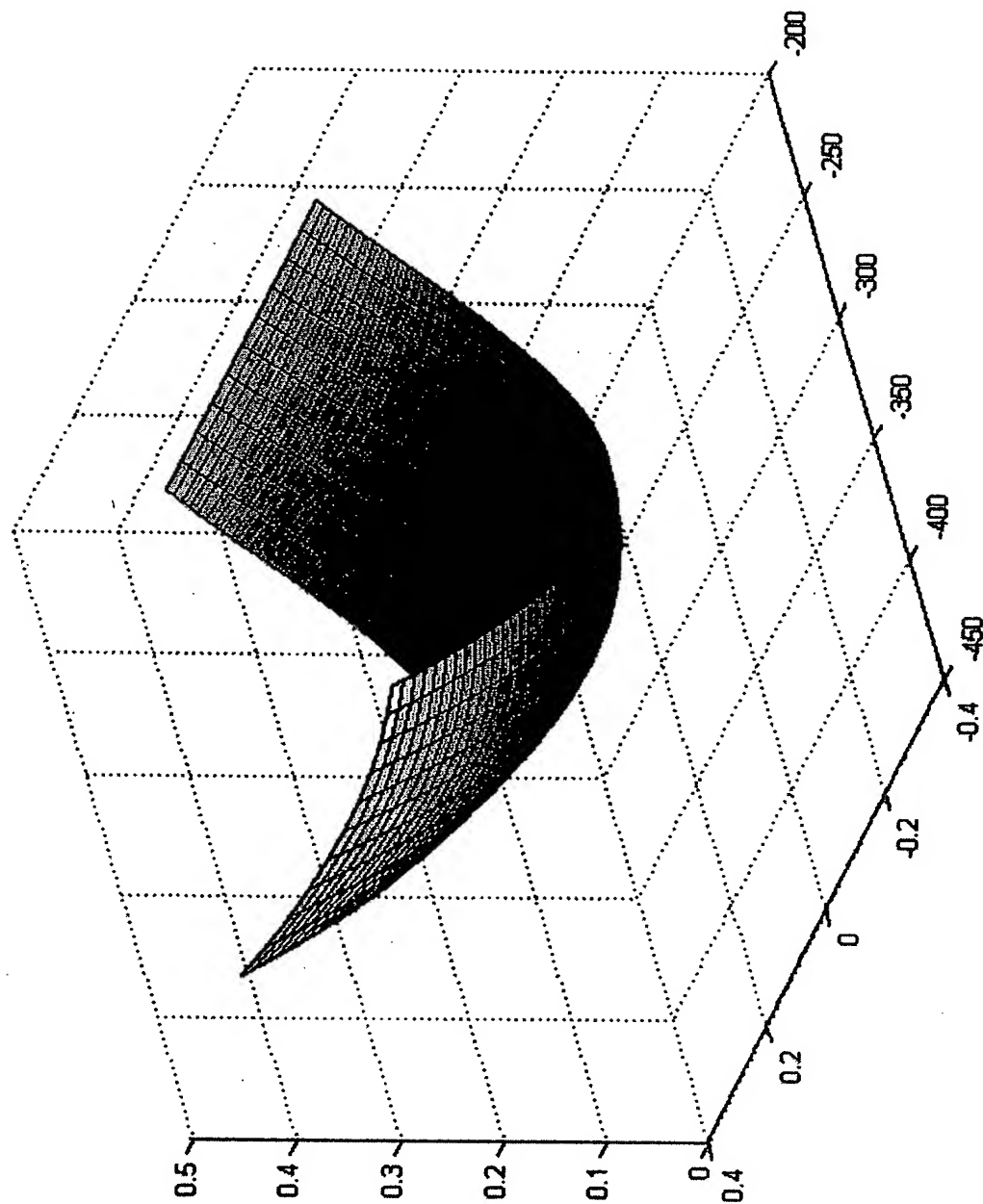


fig 3h

Zernike 2 +0.010 waves rms

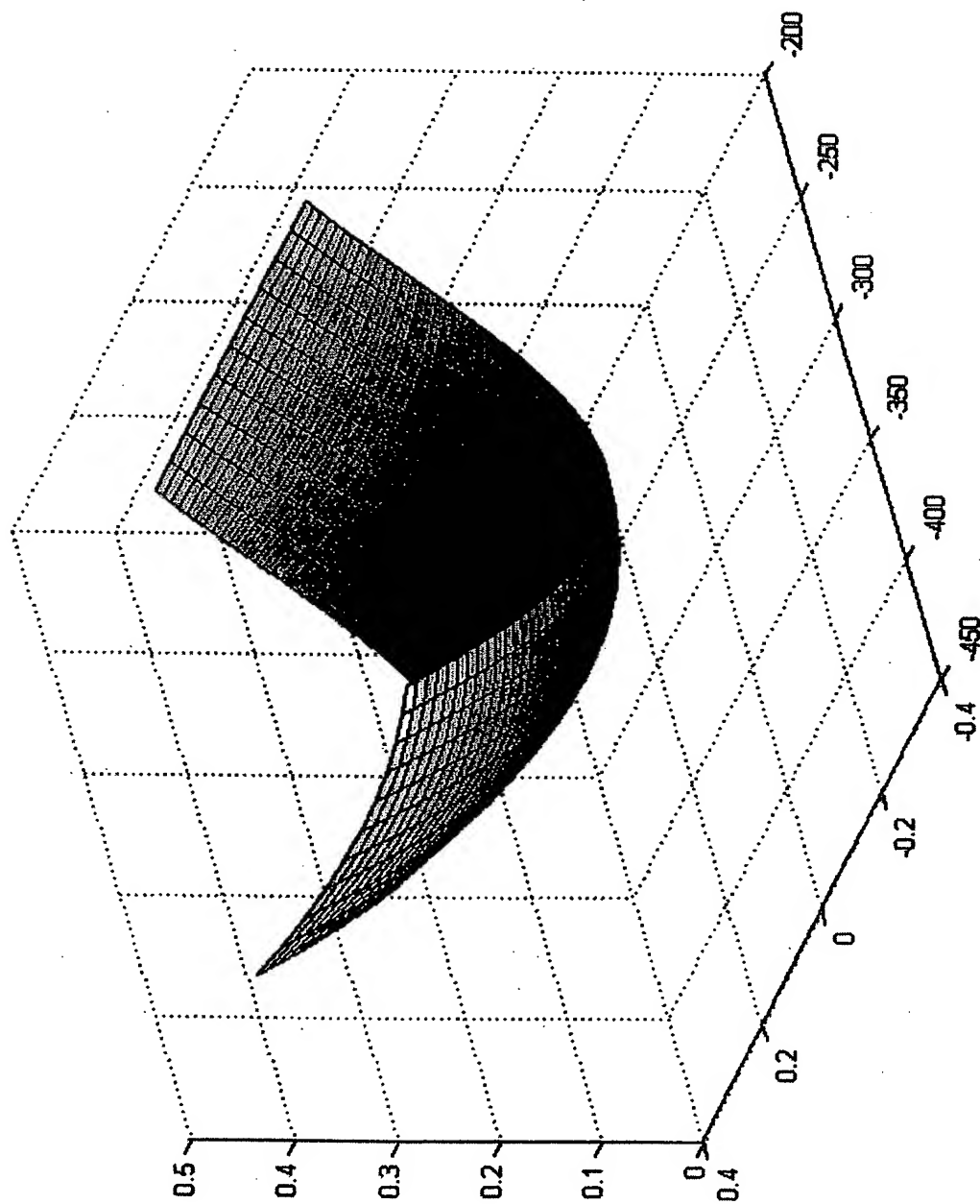
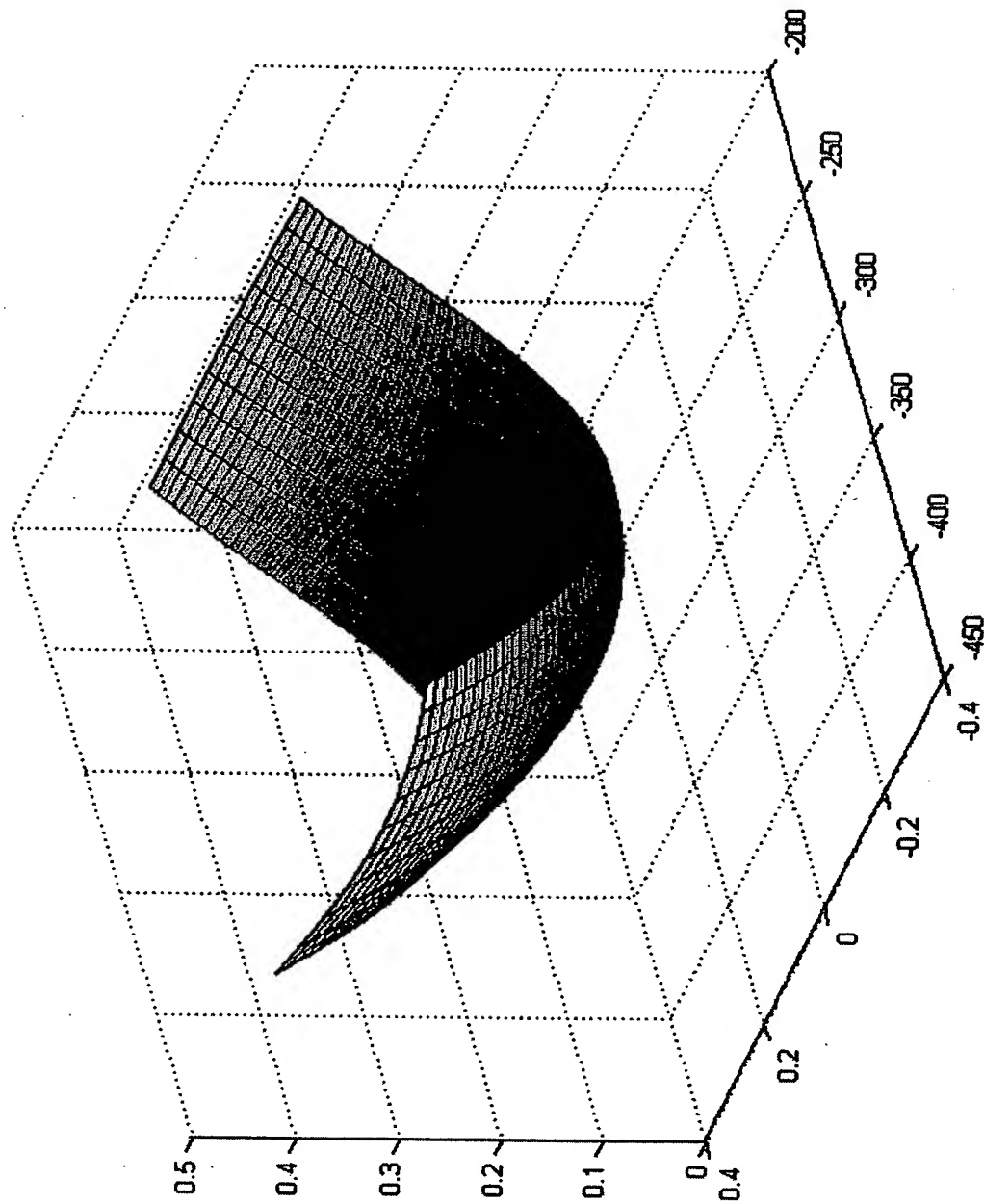


fig 3i

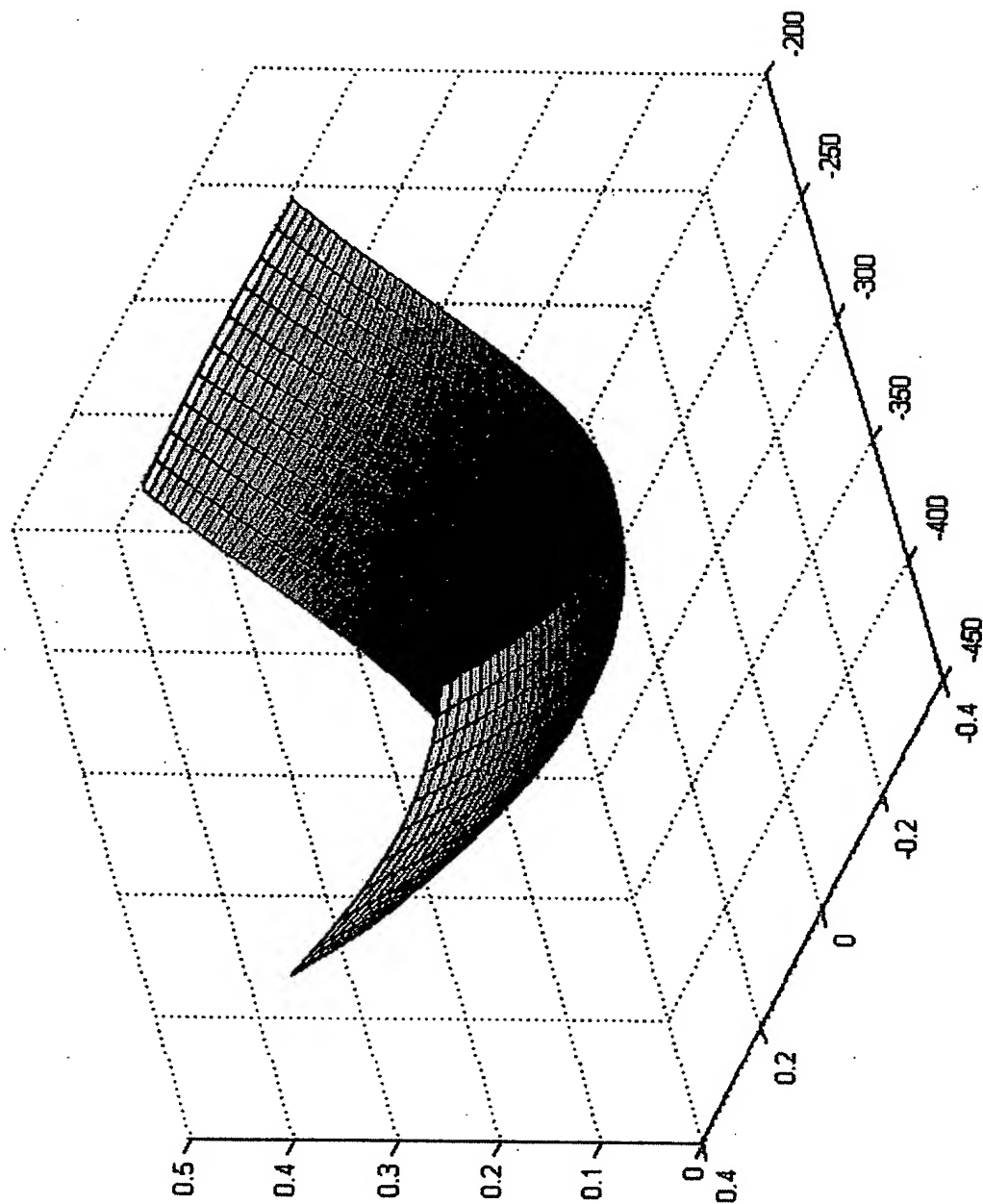
Zernike 2 +0.015 waves rms



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fig 3j

Zernike 2 +0.020 waves rms



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fig 3k

Zernike 2 +0.025 waves rms

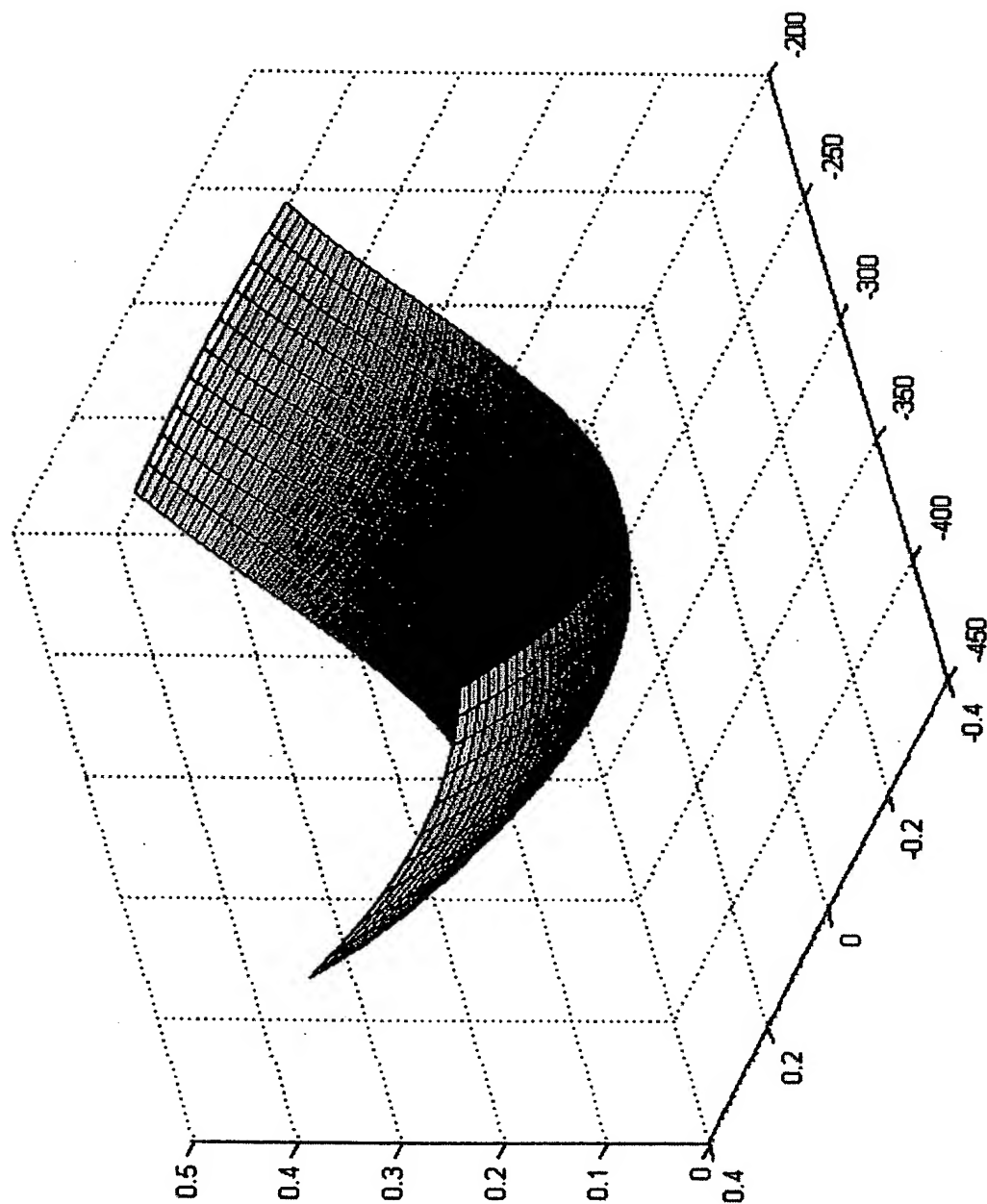
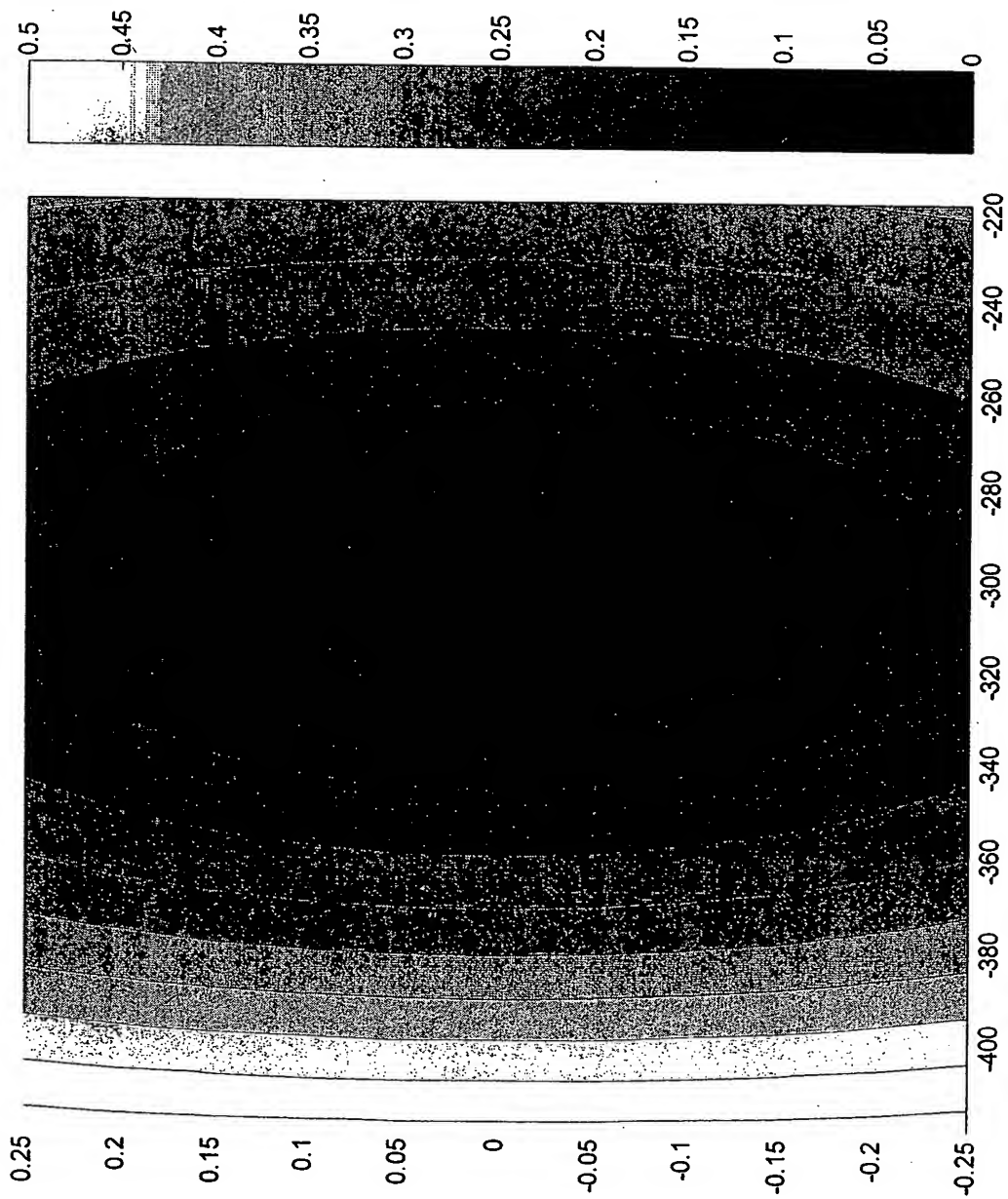


fig 4a

Zernike 2 -0.025 waves rms



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fig 4b

Zernike 2 -0.020 waves rms

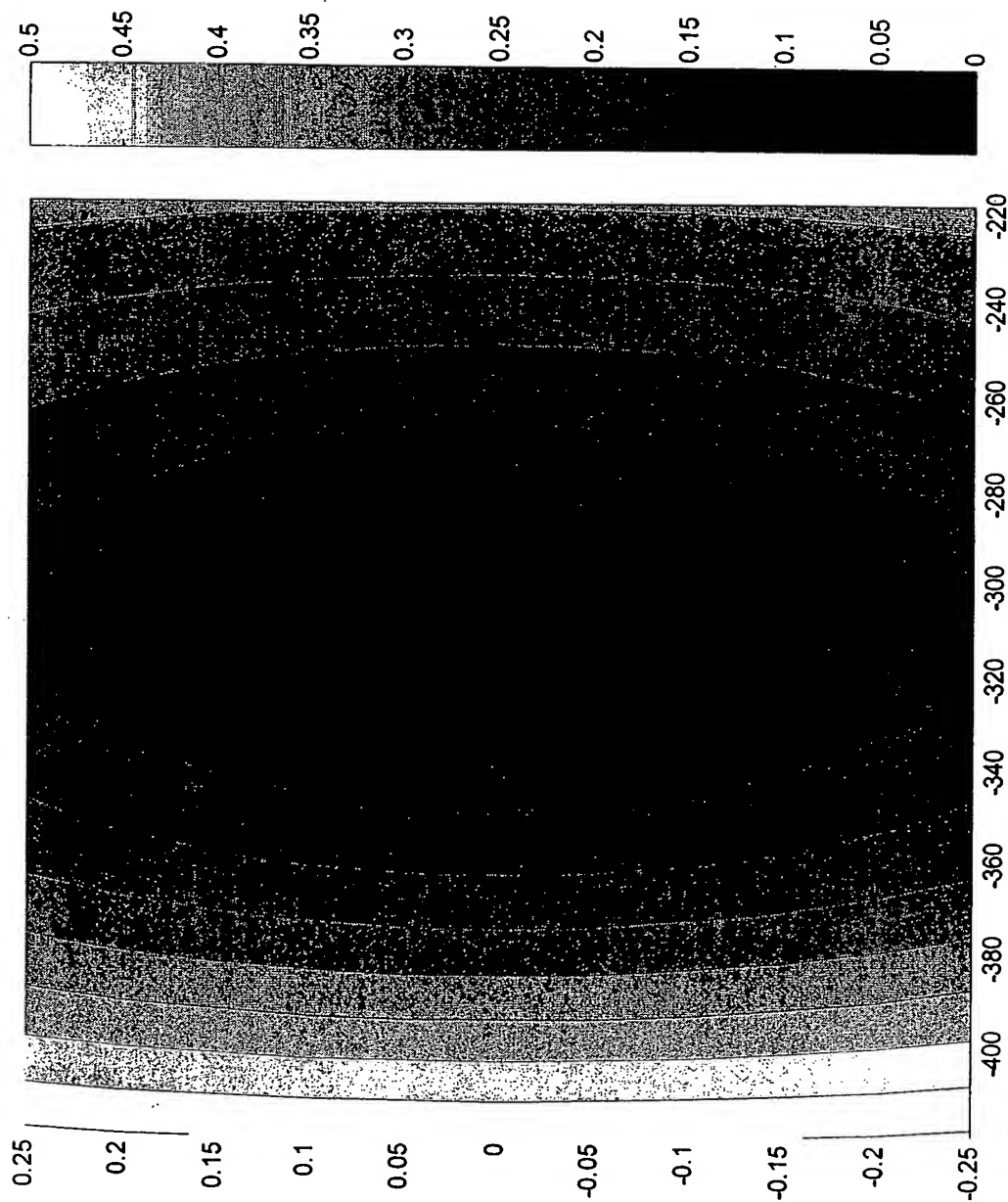




fig 4c

Zernike 2 -0.015 waves rms

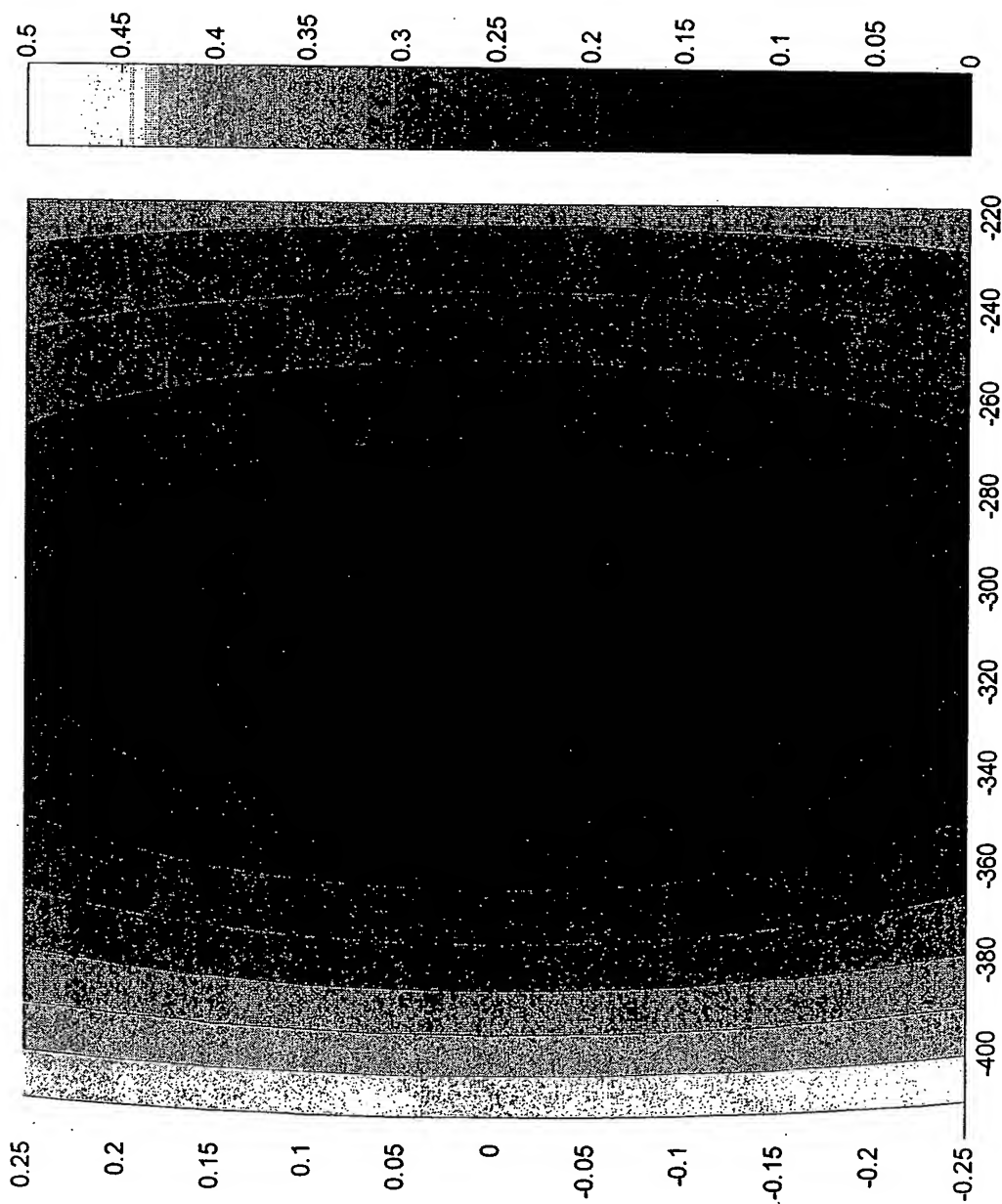
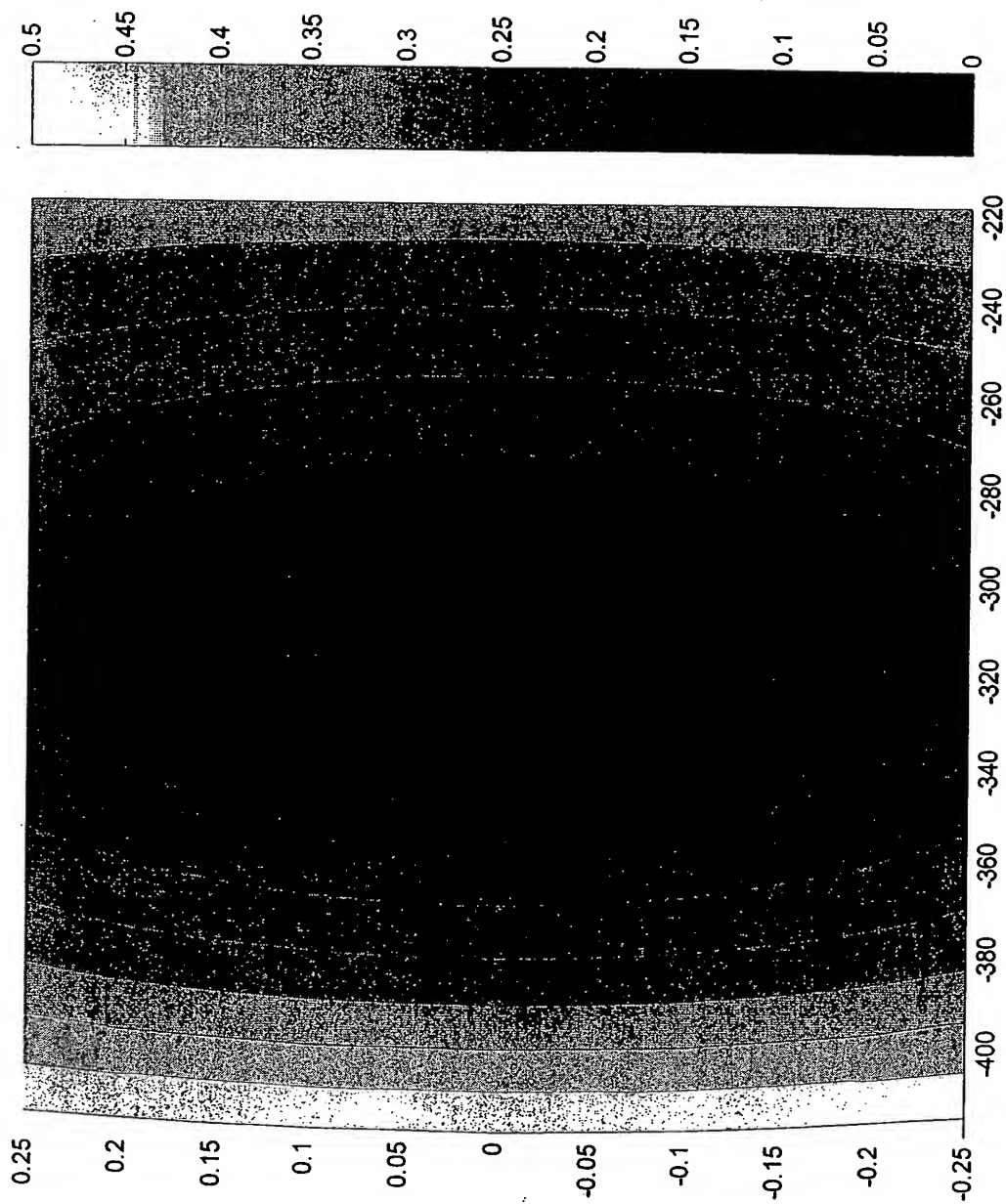


fig 4d

Zernike 2 -0.010 waves rms



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## Zernike 2 -0.005 waves rms

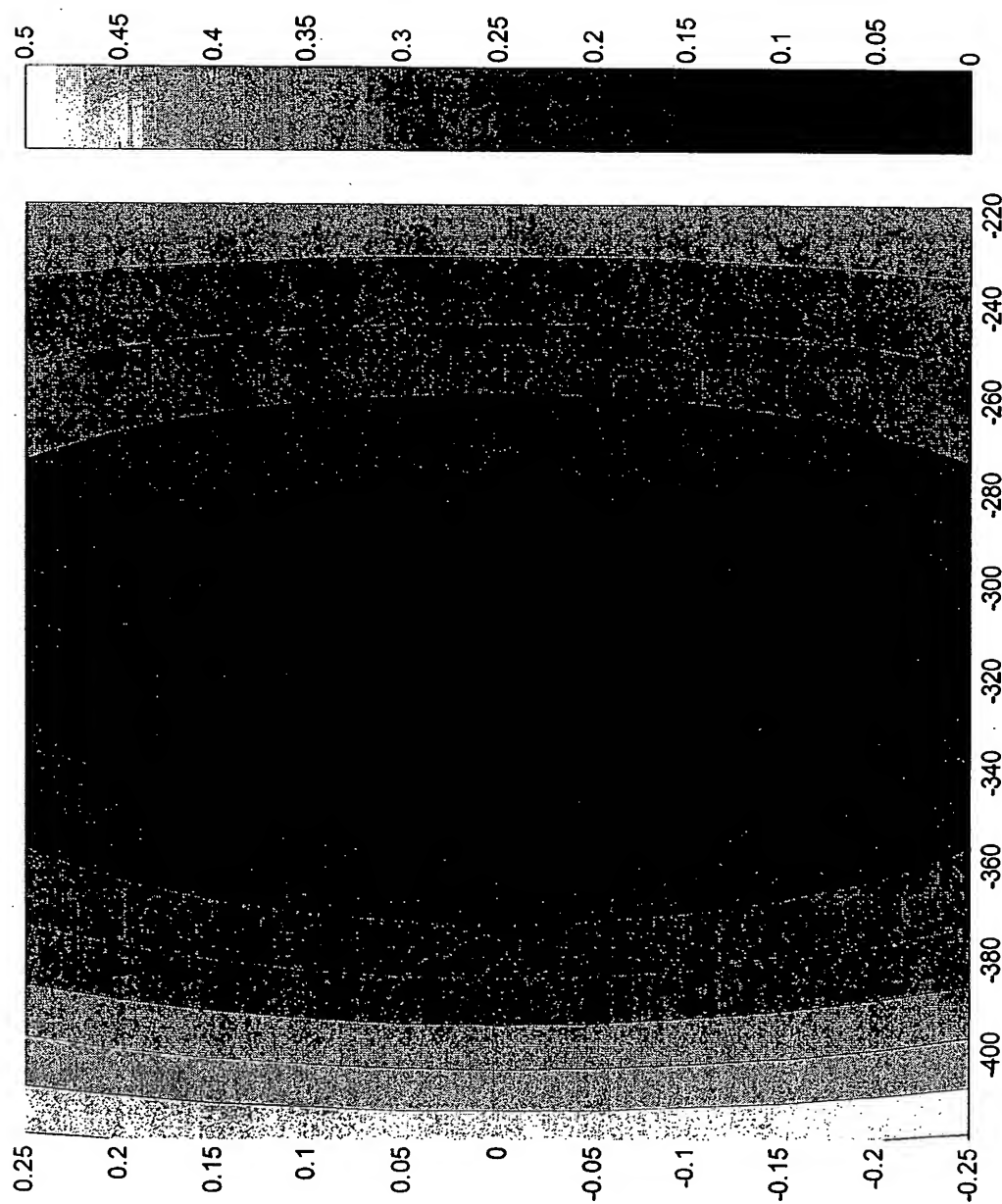
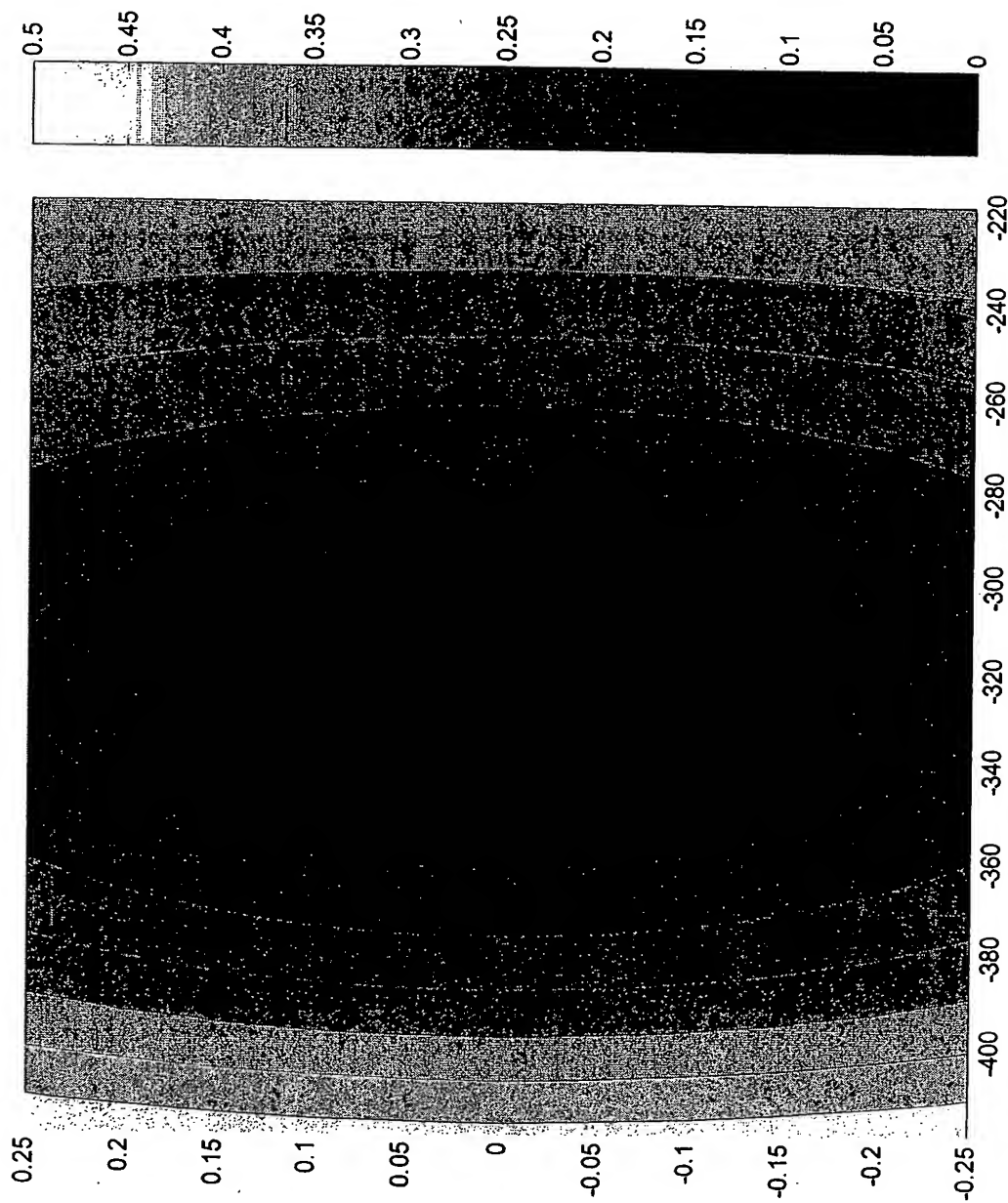


fig 4e

fig 4f

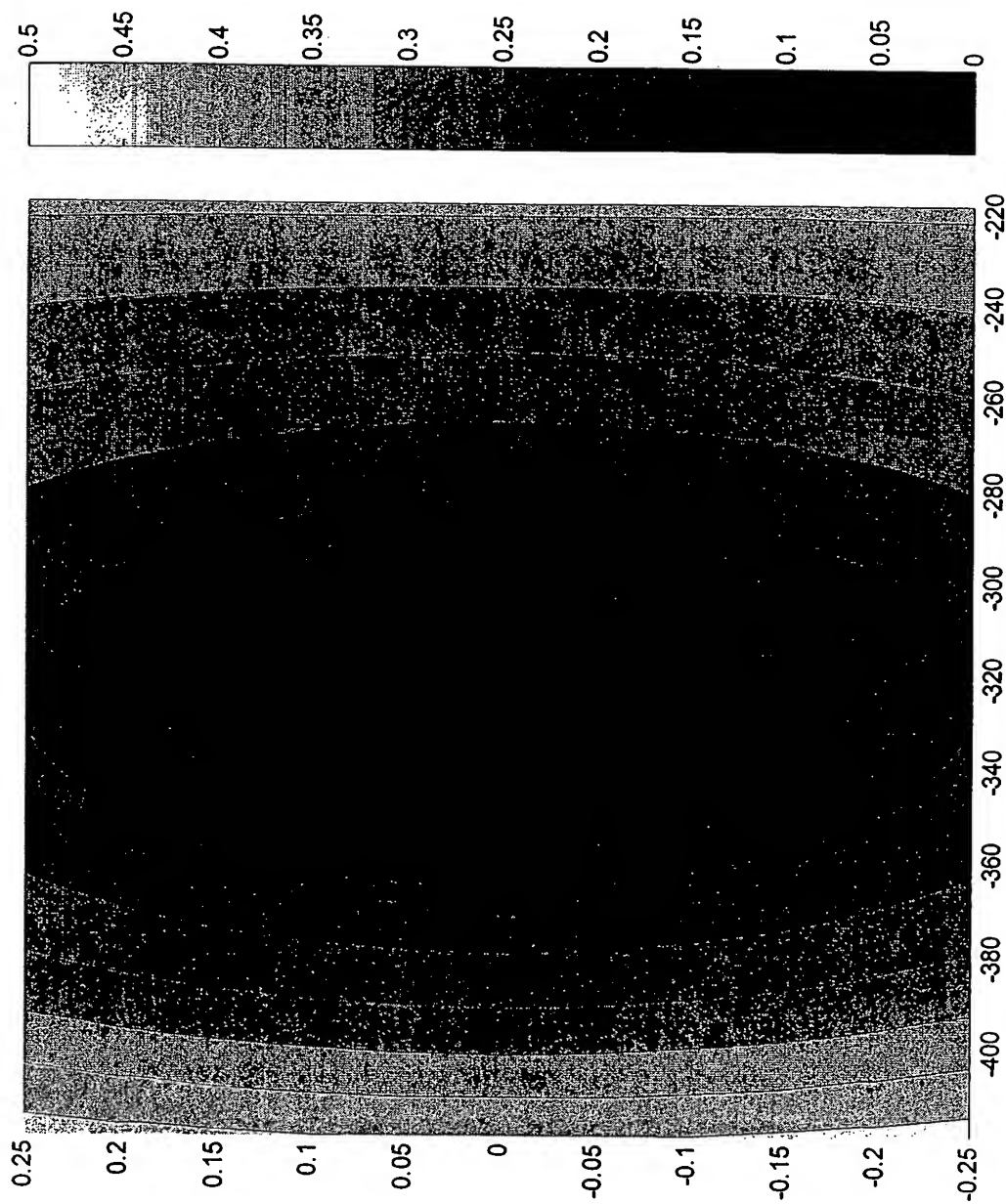
Zernike 2 0.0 waves rms =no aberration case



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fig 4g

Zernike 2 +0.005 waves rms



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fig 4h

Zernike 2 +0.010 waves rms

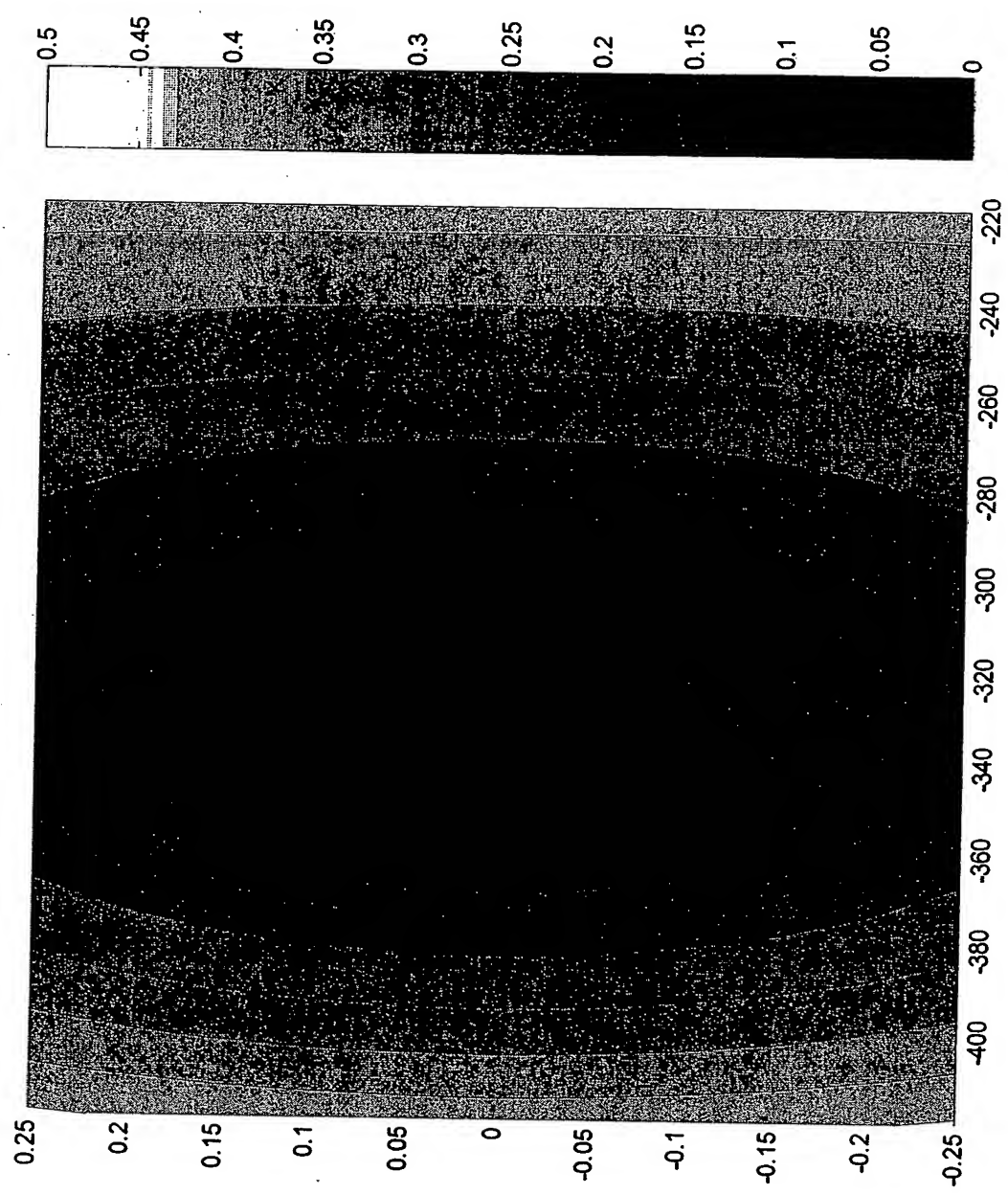
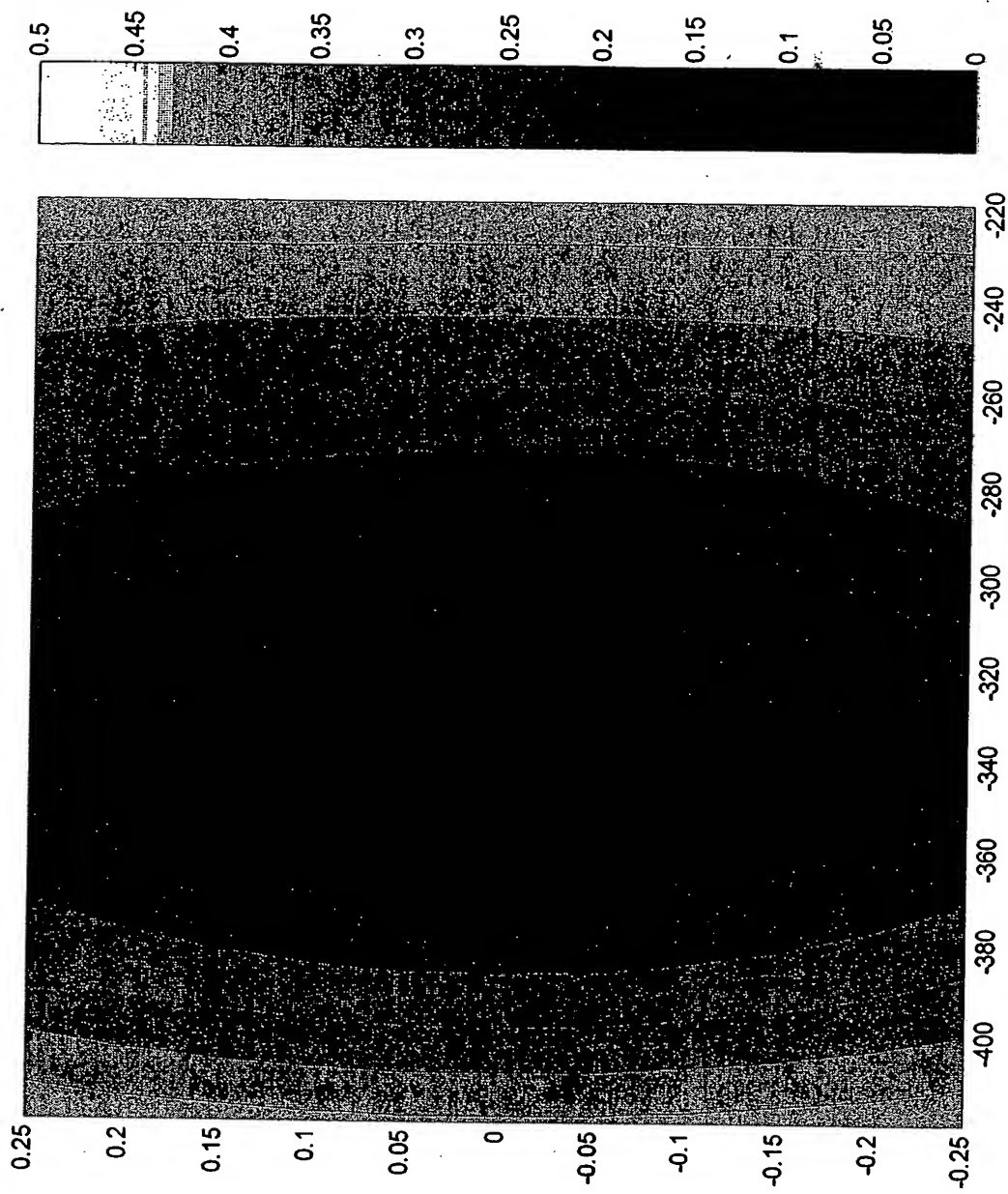


fig 4i

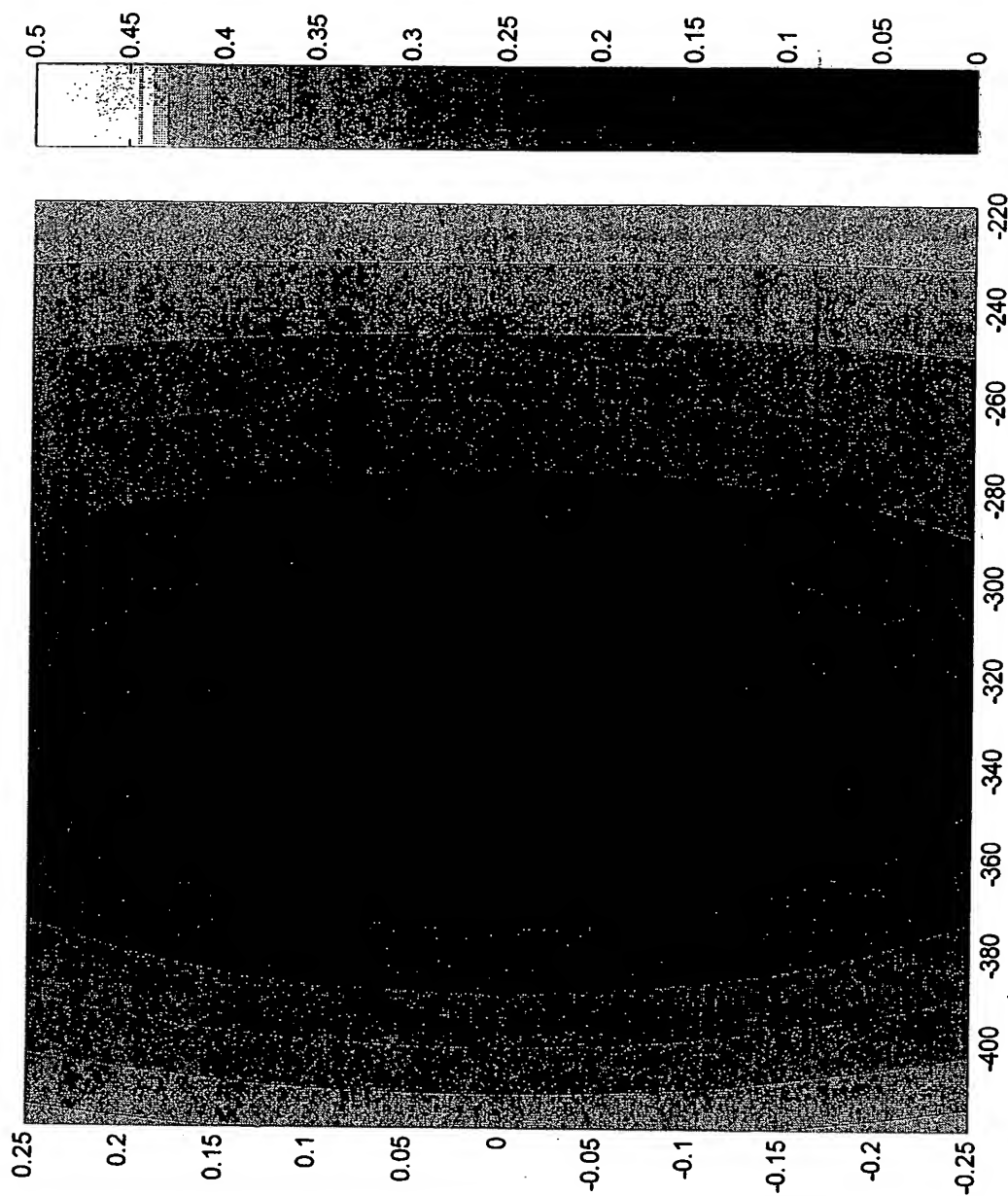
Zernike 2 +0.015 waves rms



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fig 4j

Zernike 2 +0.020 waves rms

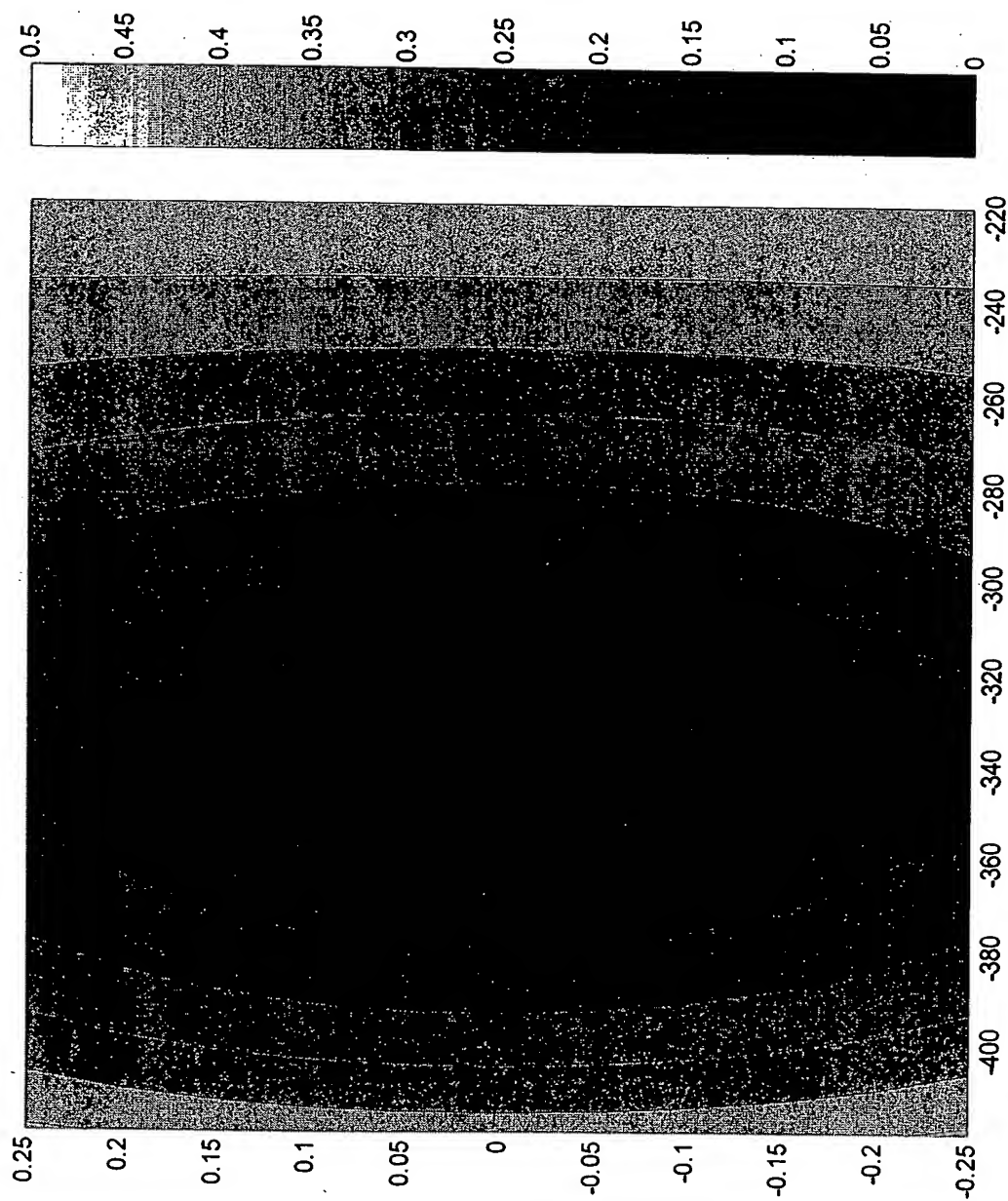


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fig 4k

Zernike 2  $\pm 0.025$  waves rms



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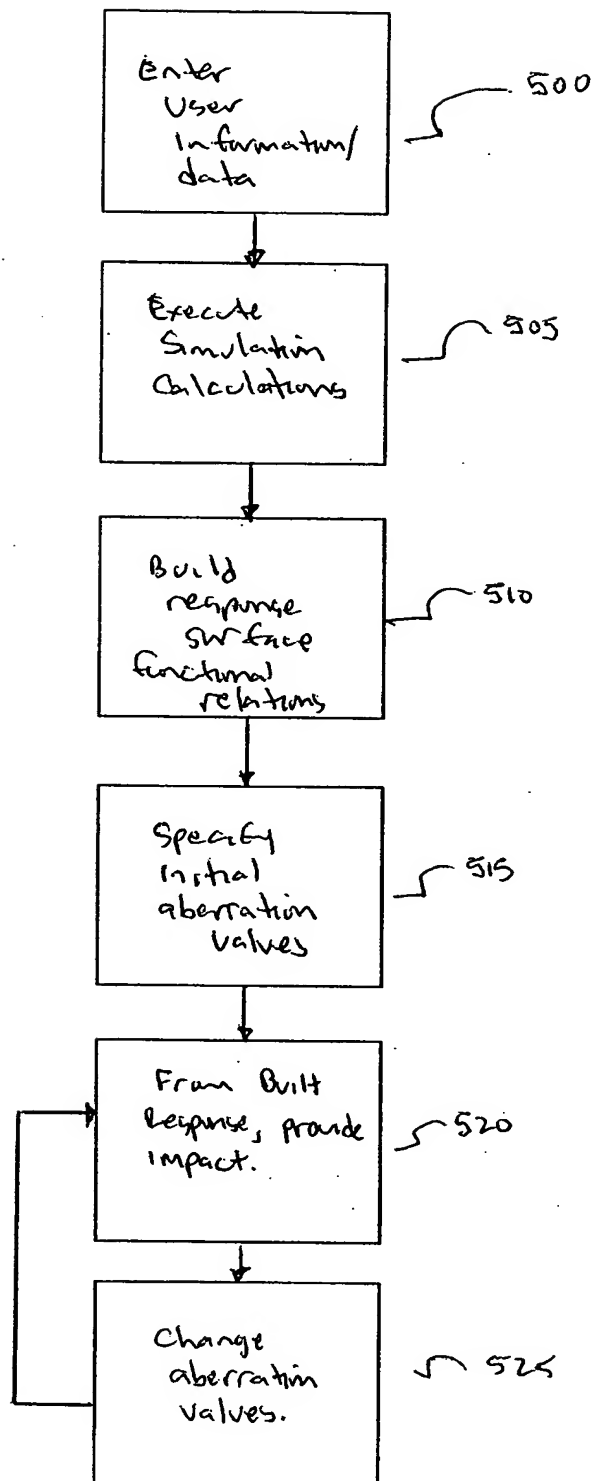


Figure 5

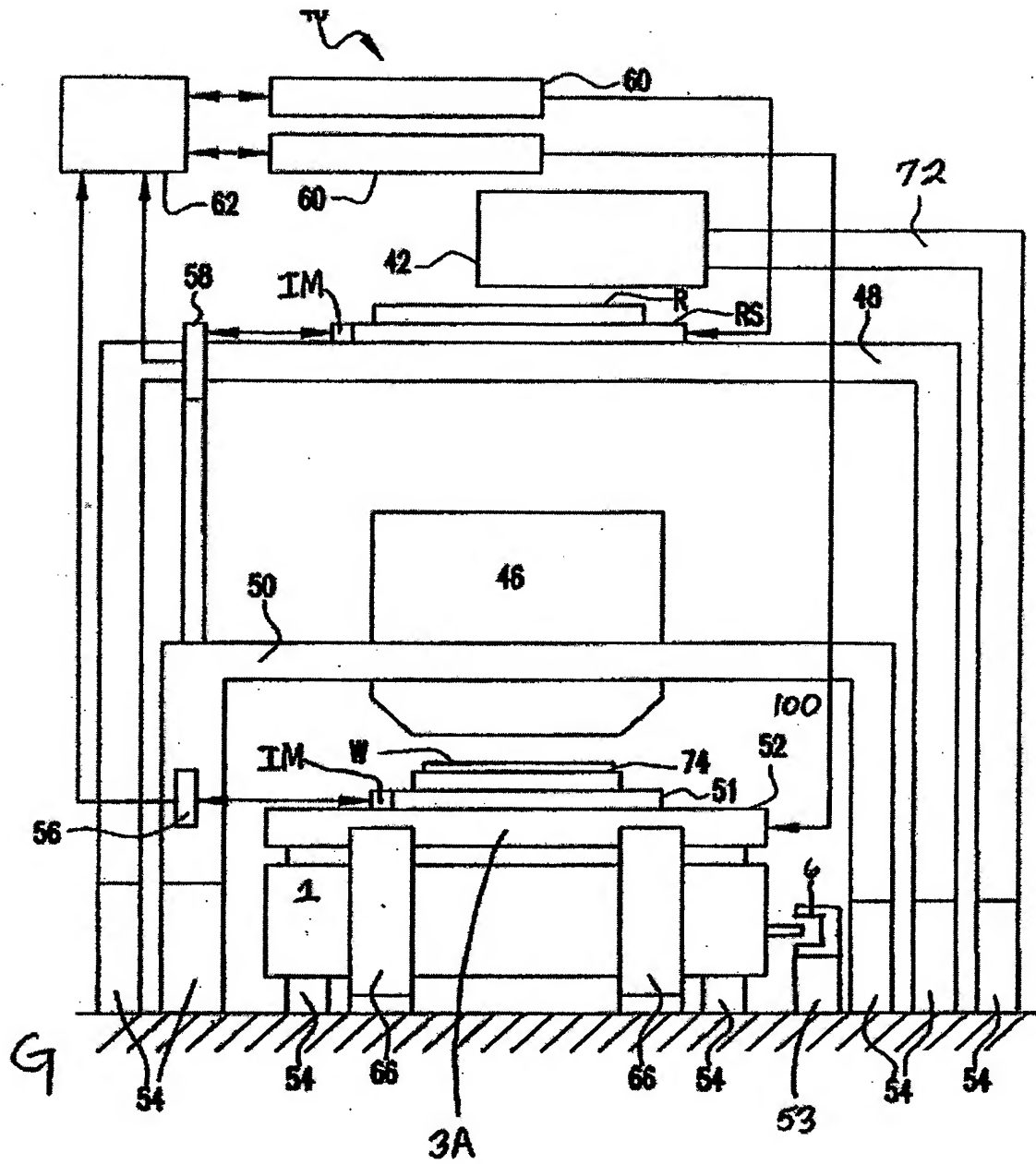


Fig. 6

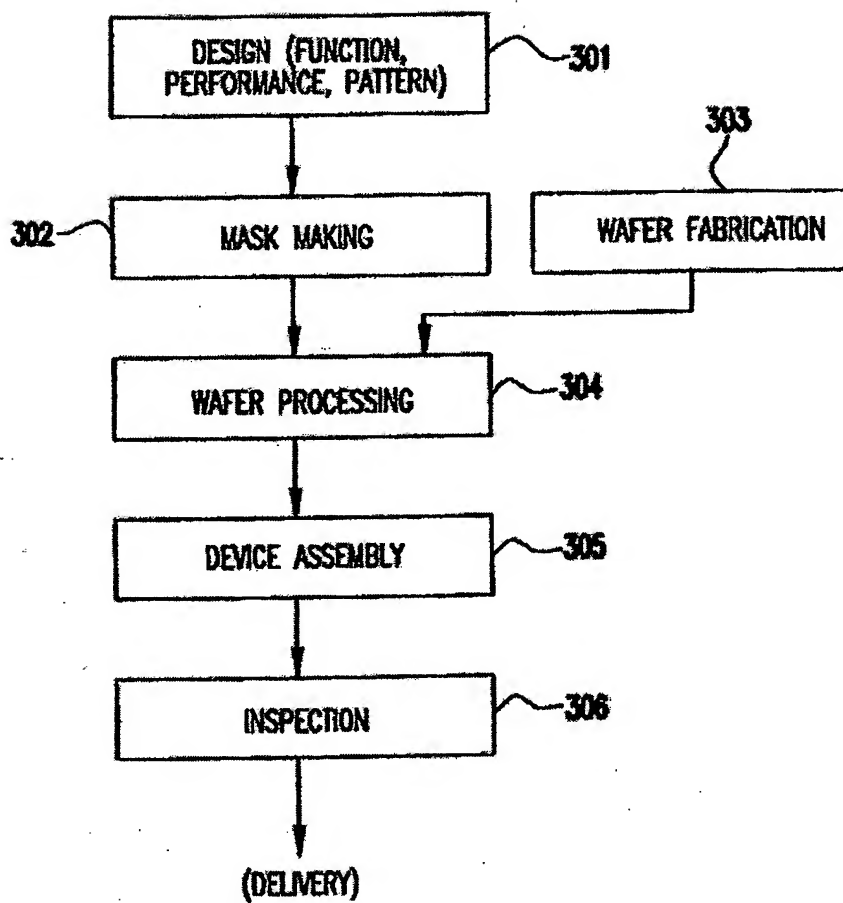


FIG. 7

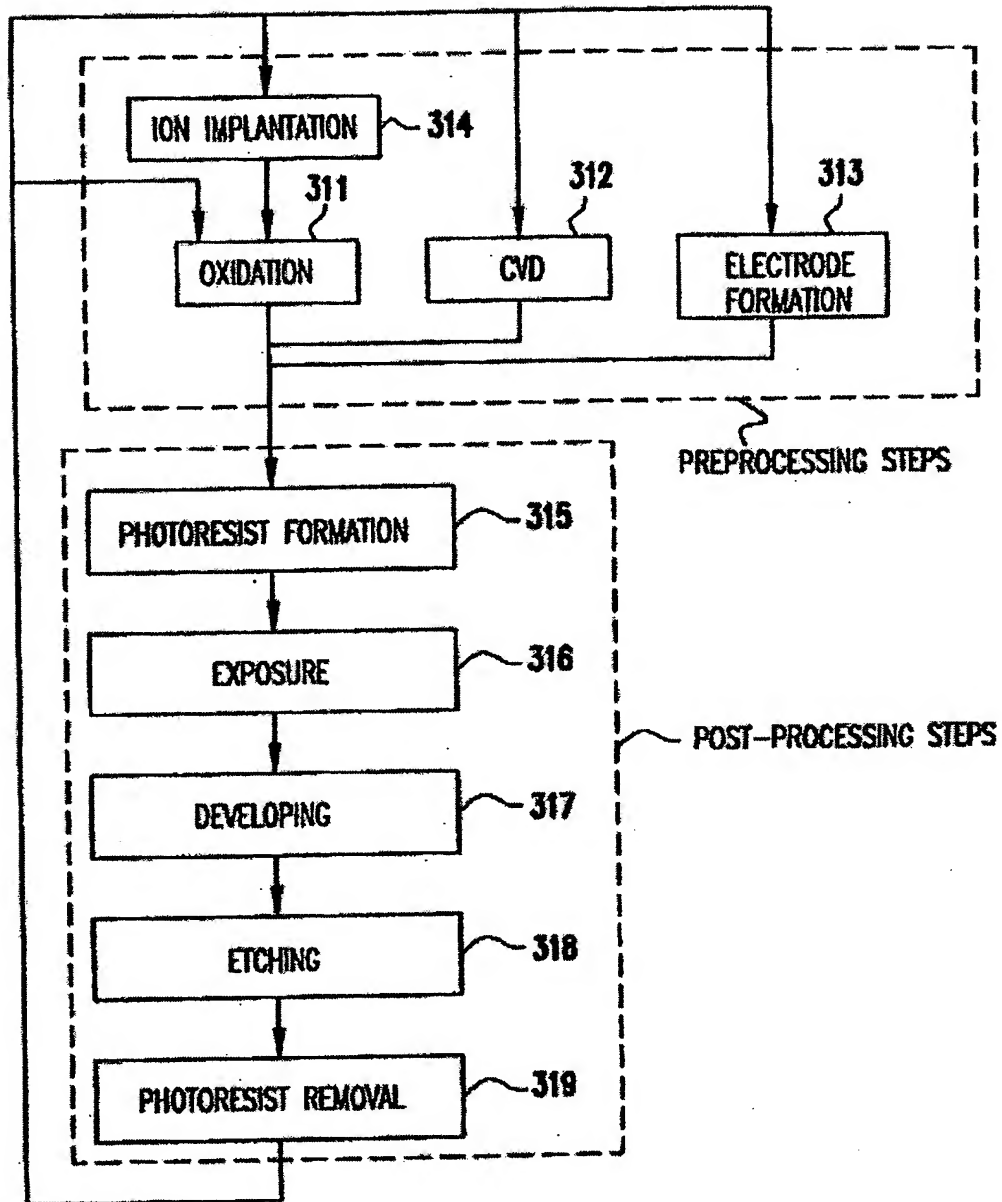


FIG. 8

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